

SURVEY - MOUNTAIN PINE BEETLE

BECHLER RIVER AREA

YELLOWSTONE NATIONAL PARK

1967

A systematic survey was conducted to locate infection patterns in the Bechler River area. The continuous strip method, one chain wide, was utilized at an interval of 10 chains, resulting in a 10 percent cruise. Attacked trees are recorded at 5 chain transects in red.

Total acres in infested area	5850
Strip acres.	585
Percent of total area covered by strip .	10%
Total new attacks.	1806
New attacks per acre	3.09
New attacks, total area.	18076.5

1967

Lodgepole dominated with occasional aspen groves--spruce fir type along the Falls and Bechler River.

Numerous meadows.

Little reproduction, except with other trees--open mature to pole, mostly OM gen age class.

Topo in general:

Ridges run SW - NE

Large amount dead and down timber around Robinson Lake to west boundary and north.

Area east of Robinson Lake--tops broken out of trees--large area.

Area divided into 2 areas - 4 sub-areas.

Area 1 - West boundary to Falls Bechler River

Area 2 - River to Junco Lake

AREA	ACRES		STRIP	TOTAL	NA	NA
	INFESTED	AREA				TOTAL
	AREA	ACRE	NA	PA	ACRE	
Area 1						
Subarea						
West A	1100	110	421	3.8	4180	
Center B	1698	170	795	4.67	7929	
East C	2082	208	516	2.48	5205	
Subtotal	4880	488	1732	3.5	17365	
Area 2						
	970	97	74	.76	752	
TOTAL	5850	585	1806	3.09	18076	

1967

Additional acres added 1967 Survey, north of existing survey area, on a random basis.

<u>Acres</u> <u>Infes.</u> <u>Area</u>	<u>Strip</u> <u>Acres</u>	<u>Total</u> <u>NA</u>	<u>NA</u> <u>PA</u>	<u>NA</u> <u>Total</u> <u>Area</u>
2394	239	248	1.03	2465